

Appendix Six: Answers to quiz questions

Chapter 6 quiz

1. True/False: Weather balloons are launched at the same time no matter the location?
True- at 0Z and 12Z.
2. Name at least two NWP models: **Eta, NGM, NOGAPS, AVN/MRF, RUC**, etc.
3. True/False: Radar can be used for long-term weather forecasting? **False-** radars are used to
monitor current conditions and aid forecasting for several hours into the future.
4. What is freezing rain? **Rain that falls as a liquid but subsequently freezes as it makes contact with the ground, trees, wires, etc.**
5. True/False: Climate data is of little value when you are planning a major overseas expedition? **False.**
6. True/False: Lightning is not a hazard in the Rockies? **False-** if you got this wrong you should be made to walk the plank!
7. True/False: The mid-latitude storm track is closely associated with the sub-tropical jet stream? **False-** its associated with the polar jet stream
8. What range of wavelengths (visible, infrared, microwave) are used in satellite imagery to view/track clouds at night? **Infrared.**